

**REISSUE APPLICATION  
DECLARATION BY THE INVENTOR**

Docket Number

217004US0X RE

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in the below identified patent:

Patent Number

6,121,501

Date Patent Issued

September 19, 2000

Title of Invention

PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENE

for which a reissue patent is sought on the invention entitled:

PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENE

the specification of which

☒ is attached hereto

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_

and (if applicable) was amended on \_\_\_\_\_

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

We (I) hereby claim foreign priority benefits under 35 USC §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

Application No.

Country

Day/Month/Year

Priority  
Claimed

We (I) hereby claim the benefit under 35 USC §119(e) of any United States *provisional* application(s) listed below.

Application Number	Filing Date
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We (I) hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.

Filing Date

Status

09/288,847

April 9, 1999

Patented

08/948,299

October 10, 1997

Patented

I verify believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all that apply)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

not having a claim directed to a process for preparing a polyester resin from 2,6-dialkyl naphthalene produced by the process of 1 of U.S. Patent No. 6,121,501.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

## Reissue Application Declaration by the Inventor (Continued)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected herewith: Norman F. Oblon, Reg. No. 24,618; Marvin J. Spivak, Reg. No. 24,913; C. Irvin McClelland, Reg. No. 21,124; Gregory J. Maier, Reg. No. 25,599; Arthur I. Neustadt, Reg. No. 24,854; Richard D. Kelly, Reg. No. 27,757; James D. Hamilton, Reg. No. 28,421; Eckhard H. Kuesters, Reg. No. 28,870; Robert T. Pous, Reg. No. 29,099; Charles L. Gholz, Reg. No. 26,395; William E. Beaumont, Reg. No. 30,996; Jean-Paul Lavalleye, Reg. No. 31,451; Stephen G. Baxter, Reg. No. 32,884; Richard L. Treanor, Reg. No. 36,379; Steven P. Weihrouch, Reg. No. 32,829; John T. Goolkasian, Reg. No. 26,142; Richard L. Chinn, Reg. No. 34,305; Steven E. Lipman, Reg. No. 30,011; Carl E. Schlier, Reg. No. 34,426; James J. Kulbaski, Reg. No. 34,648; Richard A. Neifeld, Reg. No. 35,299; J. Derek Mason, Reg. No. 35,270; Surinder Sachar, Reg. No. 34,423; Jeffrey B. McIntyre, Reg. No. 36,867; Bradley D. Lytle, Reg. No. 40,073; Michael R. Casey, Reg. No. 40,294; William T. Enos, Reg. No. 33,128 and Michael E. McCabe, Jr., Reg. No. 37,182.

## Correspondence Address:

OBLON, SPIVAK, MCCLELLAND, MAIER &amp; NEUSTADT, P.C.

Fourth Floor

1755 Jefferson Davis Highway

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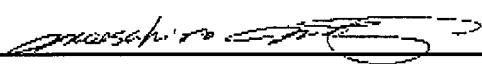
Facsimile: (703) 413-2220

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Full Name of sole or first inventor (given name, family name)

Masahiro MOTOYUKI

Signature



Date

December 18, 2001

Residence

Osaka-shi, Osaka JAPAN

Citizenship

JAPAN

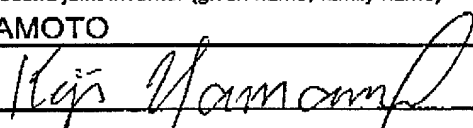
Post Office Address

c/o Osaka Branch in Kobe Steel, Ltd, 1-3, Bingo-machi 4-chome, Chuo-ku  
Osaka-shi, Osaka 541, JAPAN

Full Name of second joint inventor (given name, family name)

Koji YAMAMOTO

Signature



Date

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Nishi-ku, Kobe-shi, Hyogo, 651-22 JAPAN

Full Name of third joint inventor (given name, family name)

Ajit Vishwanath SAPRE

Signature

Date

Residence

Moorestown, New Jersey, USA

Citizenship

INDIA

Post Office Address

c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA

☒ Additional joint inventors are named on separately numbered sheets attached hereto.

Full Name of sole or first inventor (given name, family name) <b>John Paul Mc Williams</b>	
Signature	Date
Residence Woodbury, New Jersey USA	Citizenship USA
Post Office Address    c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA	
Full Name of second joint inventor (given name, family name) <b>Susan Patricia DONNELLY</b>	
Signature	Date
Residence Kingwood, Texas, USA	Citizenship USA
Post Office Address    c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA	

# **REISSUE APPLICATION DECLARATION BY THE INVENTOR**

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April 9, 1999

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Full Name of sole or first inventor (given name, family name)

Masahiro MOTOYUKI

Signature	Date
Residence Osaka-shi, Osaka JAPAN	Citizenship JAPAN
Post Office Address c/o Osaka Branch in Kobe Steel, Ltd, 1-3, Bingo-machi 4-chome, Chuo-ku Osaka-shi, Osaka 541, JAPAN	

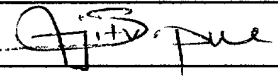
Full Name of second joint inventor (given name, family name)

Koji YAMAMOTO

Signature	Date
Residence Kobe-shi, Hyogo, JAPAN	Citizenship JAPAN
Post Office Address c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd, 5-5, Takatsuka-dai 1-chome, Nishi-ku, Kobe-shi, Hyogo, 651-22 JAPAN	

Full Name of third joint inventor (given name, family name)

Ajit Vishwanath SAPRE

Signature 	Date 1/28/02
Residence Moorestown, New Jersey, USA	Citizenship <del>INDIA</del> USA
Post Office Address c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA	

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Full Name of second joint inventor (given name, family name)

Koji YAMAMOTO

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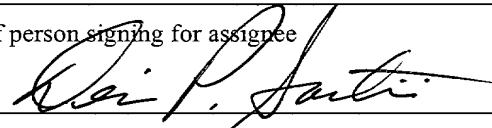
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Signature	Date
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Woodbury, New Jersey USA	USA
Post Office Address c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA	
Full Name of second joint inventor (given name, family name)	
Susan Patricia DONNELLY	
Signature	Date
Susan Patricia Donnelly	Feb 5, 2002
Residence	Citizenship
HOUSTON Kingwood, Texas, USA	USA
Post Office Address c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA	

<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		Docket Number (Optional) 217004US0X RE
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Name of Patentee(s) Masahiro MOTOYUKI; Koji YAMAMOTO; Ajit Vishwanath SAPRE; John Paul Mc WILLIAMS; Susan Patricia DONNELLY		
Title of Invention PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENE		
1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b).		
2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.		
The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.		
The assignees each owning an undivided interest in said original patent are <u>Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation</u> , and the assignees consent to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) Kabushiki Kaisha Kobe Seiko Sho		
Signature of person signing for assignee 		Date December 20, 2001
Typed or printed name of person signing for assignee Mamoru AOKI		
Name of assignee/inventor (if not assigned) Mobil Oil Corporation		
Signature of person signing for assignee 		Date 1-25-02
Typed or printed name of person signing for assignee Dennis P. Santini		



<b>REISSUE APPLICATION OFFER TO SURRENDER PATENT</b>		Docket Number <b>217004US0X RE</b>
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) <b>Masahiro MOTOYUKI, et al.</b>		
Patent Number <b>6,121,501</b>	Date Patent Issued <b>September 19, 2000</b>	
Title of Invention <b>PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENE</b>		
<p>Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation are the owners of the entire right, title and interest in and to U.S. Patent No. 6,121,501.</p> <p>Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation offer to surrender the original patent upon notification of the allowability of the present Reissue application, or to submit satisfactory evidence that the same is unavailable.</p> <p> <input checked="" type="checkbox"/> One box must be checked  <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).  <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.         </p>		
Name of assignee <b>Kabushiki Kaisha Kobe Seiko Sho</b>		
Signature of person signing for assignee 	Date <b>December 20, 2001</b>	
Typed or printed name of person signing for assignee <b>Mamoru AOKI</b>		
Name of assignee <b>Mobil Oil Corporation</b>		
Signature of person signing for assignee 	Date <b>1-25-02</b>	
Typed or printed name of person signing for assignee <b>Dennis P. Santini</b>		

(OSMMN 10/98)

# Assignment Of Application

Page 1 of 2

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS:

WHEREAS, I (WE) Masahiro MOTOYUKI of c/o Osaka Branch in Kobe Steel,  
Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541, JAPAN;  
Koji YAMAMOTO of c/o Kobe Corporate Research Laboratories in Kobe Steel,  
Ltd., 5-5, Takatsuka-dai 1-chome, Nishi-ku, Kobe-shi, Hyogo, 651-22  
JAPAN; Ajit Vishwanath SAPRE of c/o Mobil Technology Company, 600  
Billingsport Road, Paulsboro, New Jersey 08066-0480; John Paul  
Mc WILLIAMS of c/o Mobil Technology Company, 600 Billingsport Road,  
Paulsboro, New Jersey 08066-0480; and Susan Patricia DONNELLY of  
c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New  
Jersey 08066-0480

, respectively,

INSERT TITLE  
OF INVENTION:

have invented certain new and useful improvements in: PROCESS FOR PREPARING  
2,6-DIALKYLNAPHTHALENE

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

for which an application for Letters Patent was executed on May 26, May 20, and May 20, 1999  
June 14, and June 14, 1999

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

(Application No. 09/288,847, filed April 9, 1999), and  
1. KABUSHIKI KAISHA KOBE SEIKO SHO also known as KOBE STEEL, LTD.  
WHEREAS, 2. MOBIL OIL CORPORATION

(hereinafter referred to as "ASSIGNEE") having a place of business at:  
1. 3-18, Wakino-hama-cho 1-chome, Chuo-ku, Kobe 651, JAPAN  
2. 3225 Gallows Road, Fairfax, Virginia 22037

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

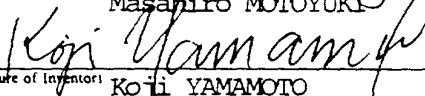
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The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: June 14, 1999

  
(Signature of Inventor) Masahiro MOTOYUKI

Date: June 14, 1999

  
(Signature of Inventor) Koji YAMAMOTO

Date: \_\_\_\_\_

(Signature of Inventor) Ajit Vishwanath SAPRE

Date: \_\_\_\_\_

(Signature of Inventor) John Paul Mc WILLIAMS

Date: \_\_\_\_\_

(Signature of Inventor) Susan Patricia DONNELLY

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

**OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
FOURTH FLOOR  
1755 JEFFERSON DAVIS HIGHWAY  
ARLINGTON, VIRGINIA 22202



## Assignment Of Application

Page 1 of 2

INSERT NAMES  
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INSERT TITLE  
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\_\_\_\_\_, respectively,  
have invented certain new and useful improvements in: PROCESS FOR PREPARING  
2,6-DIALKYLNAPHTHALENE

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

for which an application for Letters Patent was executed on May 26, May 20, and May 20, 1999,  
June 14, and June 14, 1999  
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WHEREAS, 2. MOBIL OIL CORPORATION

INSERT NAME  
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COMPANY OR  
OTHER ASSIGNEE:

(hereinafter referred to as "ASSIGNEE") having a place of business at: \_\_\_\_\_  
1. 3-18, Wakinohama-cho 1-chome, Chuo-ku, Kobe 651, JAPAN  
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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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Date: _____	(Signature of Inventor) Masahiro MOTOYUKI
Date: _____	(Signature of Inventor) Koji YAMAMOTO
Date: May 20, 1999	(Signature of Inventor) Ajit Vishwanath SAPRE
Date: May 20, 1999	(Signature of Inventor) John Paul Mc WILLIAMS
Date: May 20, 1999	(Signature of Inventor) Susan Patricia DONNELLY
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**

ATTORNEYS AT LAW  
FOURTH FLOOR  
1755 JEFFERSON DAVIS HIGHWAY  
ARLINGTON, VIRGINIA 22202

## STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation  
 Application No./Patent No.: 6,121,501 Issue Date: September 19, 2000  
 Entitled: PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENE

Kabushiki Kaisha Kobe Seiko Sho, a Corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

Mobil Oil Corporation, a Corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

state that they are each:

1. ■ an assignee of the entire right, title, and interest in the parent application/patent identified above by virtue of:
2. ■ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 10067, Frame 0915.
3. ■ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of Kabushiki Kaisha Kobe Seiko Sho

December 20, 2001 Manoru AOKI  
 Date Typed or printed name  
Manoru Aoki  
 Signature General Manager of  
Intellectual Property Department  
 Title  
~~General Manager of~~  
~~Intellectual Property Department~~

The undersigned (whose title is supplied below) is authorized to act on behalf of Mobil Oil Corporation

1-25-02 Dennis P. Santini  
 Date Typed or printed name  
Dennis P. Santini  
 Signature Senior Counsel  
 Title

# Assignment Of Application

Page 1 of 2

INSERT NAMES  
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ADDRESSES OF  
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Date: June 14, 1999

(Signature of Inventor)

Masahiro MOTOYUKI

Date: June 14, 1999

(Signature of Inventor)

Koji YAMAMOTO

Date:

(Signature of Inventor)

Ajit Vishwanath SAPRE

Date:

(Signature of Inventor)

John Paul Mc WILLIAMS

Date:

(Signature of Inventor)

Susan Patricia DONNELLY

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

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ATTORNEYS AT LAW  
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Date: _____	(Signature of Inventor) Masahiro MOTOYUKI
Date: _____	(Signature of Inventor) Koji YAMAMOTO
Date: May 20, 1999	(Signature of Inventor) Ajit Vishwanath SAPRE
Date: May 20, 1999	(Signature of Inventor) John Paul Mc WILLIAMS
Date: July 20, 1999	(Signature of Inventor) Susan Patricia DONNELLY
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
FOURTH FLOOR  
1755 JEFFERSON DAVIS HIGHWAY  
ARLINGTON, VIRGINIA 22202

## POWER OF ATTORNEY

MOBIL OIL CORPORATION, a corporation organized under the laws of the state of New York, United States of America, and having its principal office at 3225 Gallows Road, Fairfax, Virginia 22037 (hereinafter referred to as the "Company"), hereby nominates and appoints:

**DENNIS P. SANTINI**  
and  
**MALCOLM D. KEEN**

to be its lawful agent and attorney and, in its name and place, to do any and all of the acts enumerated below that it or its officers and directors might do if present, granting the said agent and attorney full power and authority to do and perform each and every act necessary or incidental to the proper exercise of the specified powers, as fully as the Company or its officers and directors could do if personally present, namely:

To execute in the name and on behalf of this Company any instrument or document required for:

- A. The obtainment and maintenance of intellectual property rights including patents, trademark registrations, copyright registrations and design registrations throughout the world on intellectual property owned by this Company, such instruments and documents comprising applications, petitions, powers of attorney, authorizations, verifications, declarations, or any other documents relating to the proceedings for the obtainment and maintenance of such intellectual property in the intellectual property offices of any country of the world and in any international agency established by treaty for the reception, examination and grant of intellectual property rights; and
- B. The abandonment of patents, copyright registrations, design registrations, trademark registrations, trademark, copyright, design and patent applications, the concession of priority or the abandonment of contests in contested cases with third parties or in oppositions brought by or against third parties in any country of the world or in any international agency established by treaty for the reception, examination and grant of intellectual property rights with respect to registration or granting of intellectual property rights owned by this Company; and
- C. The bringing, filing, prosecution and settlement of contested cases against third parties with respect to registration or grant of intellectual property rights, including intellectual property interferences, conflicts, oppositions, nullity suits, revocation actions, and invalidation actions, in any country of the world and in any international agency established by treaty for the reception, examination and grant of intellectual property rights;
- D. The representation of this Company in all proceedings established by the European Patent Convention;



- E. The negotiation, amendment, execution and termination of Confidentiality Agreements; and
- F. The negotiation, amendment, execution and termination of Invention Releases; and
- G. The negotiation, amendment, execution and termination of License, Assignment and Settlement Agreements relating to this Company's trademarks and copyrights.

In accordance with this power of attorney, this duly appointed agent and attorney may accept terms for incorporation in the instruments and documents enumerated above which will be binding on Mobil Oil Corporation upon the execution of said instruments or documents, and is authorized to perform all other acts that may be necessary or appropriate in connection with the valid execution of said instruments or documents, including the delegation of any authority within the scope of this power of attorney.

The Company hereby ratifies and confirms all that said agent and attorney-in-fact shall lawfully do or cause to be done by virtue of this power of attorney.

The Company hereby revokes effective January 14, 2000, the previous Power of Attorney granted by the Company under date of February 27, 1998, to:

RONALD A. BLEEKER

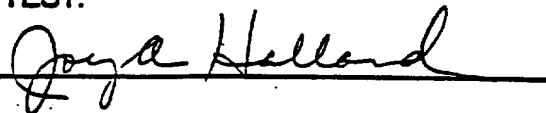
This power of attorney is signed by the duly authorized officer of the Company and the corporate seal of the Company on the date set below.

6 January 2000

MOBIL OIL CORPORATION  
By:

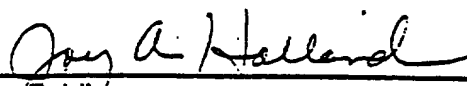
  
M.P. Ramage  
Executive Vice-President

ATTEST:



COMMONWEALTH OF VIRGINIA  
COUNTY OF FAIRFAX

Michael P. Ramage, who is known by me, signed this power of attorney and acknowledged that it was signed voluntarily on the date shown above.

  
Notary Public

Joy A. Holland, Notary Public  
Commonwealth of Virginia  
My Commission expires August 31, 2002